Date:

Tuesday, 31/03/2009 1:04:28 PM

User:

Julie Dawson

## **Process Sheet**

Customer

: CU-DAR001 Dart Helicopters Services

Job Number **Estimate Number** 

: 46740 : 10374

P.O. Number

This Issue Prsht Rev. : 31/03/2009

S.O. No. :

: NC

: // : 42270

Type

: MACHINED PARTS

**Part Number** 

**Drawing Name** 

: D31375

: WASHER

**Drawing Number** 

: D3137 REV F : N/A

**Project Number Drawing Revision** : F

Material

**Due Date** : 07/04/2009 Qtv:

Dorlosion

30 Um: Each

Written By

First Issue

**Previous Run** 

Checked & Approved By

Comment

: Est A 04.11.04 New issue KJ/JLM

Est Rev B 08.07.03

ECN1207

EC verified by DD

**Additional Product** 

Job Number:



Seq. #:

Machine Or Operation:

Description:

6061-T6 Round Bar .750"

1.0

M6061T6R0750



1725 R(3)/30 pm



Comment: Qty.: -0.0218-f(s)/Unit

0:6552 f(s)

6061-T6 Round Bar 0.75"

Material: 6061-T6 Aluminum Bar Ø.750"

(QQ-A-200/8 or QQ-A<sub>2</sub>225/8)

(M6061T6R.7500)

Batch:

2.0

HARDINGE

Comment: HARDINGE CNC LATHE SMALL

1-Machine as per Folio FA471 and Dwg D3137

2-Identify as D3137-5

3-Deburr



3.0

QC2

INSPECT PARTS AS THEY COME OFF MACHINE



Comment: INSPECT PARTS AS THEY COME OFF MACHINE







4.0

QC8

SECOND CHECK



Comment: SECOND CHECK





5.0

HAND FINISHING

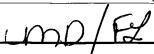
HAND FINISHING RESOURCE #1





Comment: HAND FINISHING RESOURCE #1

Chemical Conversion Coat as per QSI 005 4.1



## **Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES								
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
				٠,						
Part No		PAR #: Fault Category:	NCR: Yes	No <b>DQ</b>	Δ:	Date:	·			

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Corrective Action Section B		Verification Section C	Approval Chief Eng				
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date			Approval QC Inspector			
	,	·									
		-									
								_			

NOTE: Date & initial all entries

Tuesday, 31/03/2009 1:04:28 PM Date: Julie Dawson User: **Process Sheet** Drawing Name: WASHER Customer: CU-DAR001 Dart Helicopters Services Job Number: 46740 Part Number: D31375 Job Number: Seq. #: Description: **Machine Or Operation:** INSPECT POWDER COAT/CHEMICAL CONVERSION 6.0 QC3 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION INSPECT WORK TO CURRENT STEP 7.0 QC5 Comment: Inspect work to Step 7 PACKAGING 1 PACKAGING RESOURCE #1 8.0 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: 235 QC21 9.0 Comment: FINAL INSPECTION/W/O RELEASE Job Completion

## **Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES							
DATE	STEP	PRO	OCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
Part No		PAR #:	Fault Category:	NCR: Yes					

Part No	•	PAR #:			R: Yes No	DQA:	Date:		
	Re	esolution:			QA: N/C Closed:		Date:		
NCR:			WORK ORD	ER NON-CONFO	RMANCE	(NCR)		····	-
DATE	CTED	Description of NC		Corrective Action Section B			Verification	Approval	Approvs
	STEP	Coation A	Initial	Action Descrip	ntion	Sign &	VCIIIICATION		Approva

		TEP Description of NC		Corrective Action Section B	Verification		A	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC inspector
							:	
								,

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	76740
Description: Washer	Part Number:	D3137-5
Inspection Dwg: D3137 Rev: F		Page 1 of 1

## FIRST ARTICLE INSPECTION CHECKLIST

X First Article	Prototype
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Drawing	Tolerance	Actual	Accept Reject		Method of	Comments
Dimension	lolerance	Dimension	Accept	Reject	Inspection	Comments
0.740	+/-0.010	0.739				
Ø0.257	+0.005/-0.000	0,259				
Ø0.500 x 100°	+/-0.010	0,308×108				
Ø0.360	+/-0.010	0,358		_		
0.080	+/-0.010	,082				" "
0.200	+/-0.010	.203				
Ø0.650	+0.000/-0.010	0,645				
-						
			,			

Measured by:	Audited by:	and	Prototype Approval:	N/A
Date: 570501	Date:	09/05/01	Date:	N/A

Rev	Date	Change	Revised by	Approved
Α	04.11.12	New Issue	KJ/JLM	
В	06.03.15	Ø0.650 dimension added; Ø0.660 dimension removed	KJ/JLM , ,	
С	08.12.02	Dwg Rev updated	KJ/DD O	X

8 D D С С D3137-045 BRACKET ASSEMBLY **D3137-043 BRACKET ASSEMBLY D3137-041 BRACKET ASSEMBLY** В REDRAWN & REFORMATTED IN SOLIDWORKS, SHEET 3 ZONE A.5 DIM 2.38 WAS 2.48, ZONE A.4 0.480 DIM WAS 0.505, ZONE B.5 4.850 DIM WAS 0.79, ZONE B.5.4 SSO DIM WAS 4.975 & ZONE B.8 5.280 DIM WAS 4.975 & ZONE B.8 5.28 DIM WAS 5.41, REASON: PART TRIMMED DUE TO INTERFERENCE WITH EXECUTIVE INTERIOR. AJS 08.05.30 UNCONTROLLED COPY SUBJECT TO AMENDMENT E ADD -045 05.11.23 D RE-DESIGN D3137-5; CHANGE DIMS DS 04.11.03 SHOP COPY RETURN TO ENGINEERING Ç ADD -043 DS 03.08.15 В ADD RIDGES; ADD MATERIAL PROP DS 03.01.16 NEW ISSUE DS 02.04.17 Α REV. DESCRIPTION BY DATE DESIGN DS DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWN DRAWING NO. CHECKED REV. F D3137 MFG. APPR. SHEET 1 OF 5 APPROVED TITLE SCALE **BRACKET ASSEMBLY** DE APPR. NTS COPYRIGHT © 2002 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND COMP OUTTILE AND IS SUPPLIED ON THE EXPRESS CONCIDENT TO RE USED FOR ANY THEOROR OF COMPANDED OR COMMANDATION TO TO ANY OTHER PERSON WHITE PERSONS FOR NO BUST AFROMPACE. DATE 08.05.30 8 7 6 5 4 3 2

